

Mira Bay, Apollo Beach, FL

HELICAL PIER PROJECT

Project

Helicon has completed many retaining wall stabilization projects located throughout the Mira Bay development. Numerous retaining walls were failing and needed stabilization.

Challenge

- Retaining walls were typically supporting a swimming pool and were located on the waterfront next to the development's seawall.

Solution

Install a retaining wall stabilization program consisting of helical piers around the perimeter of the retaining walls. With the many projects Helicon has performed in Mira Bay, typically 13-15 helical piers have been installed to stabilize the retaining walls throughout the development.

Helical piers were installed at selected locations along the exterior sides of the retaining walls located at the rear of the properties.

Helical piers were drilled to depths ranging from 15 feet to 25 feet below ground surface.

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